Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097708.D
Acq On : 15 Aug 2017 23:19
Operator : SJ/JU
Sample : I4751-16MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-24-COMPMSD

Manual Integrations APPROVED
Sohil
8/16/2017 6:49:13 PM

Quant Time: Aug 16 11:56:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	127825	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	511980	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	225333	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	404003	20.00	ng		0.00
75) Chrysene-d12	13.94	240	256008	20.00	ng		0.00
86) Perylene-d12	15.37	264	258477	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	921298	109.63	ng		0.01
7) Phenol-d6	6.42	99	1258477	110.22	ng		0.00
23) Nitrobenzene-d5	7.35	82	765253	81.20	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	222488	113.80	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1074543	70.06	ng		0.00
78) Terphenyl-d14	12.89	244	738458	60.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	137403	29.318	ng		91
3) Pyridine	3.25	79	371349	28.662	ng		88
4) n-Nitrosodimethylamine	3.19	42	161732	32.442	ng	#	77
6) Aniline	6.45	93	441907	27.550	ng		97
8) 2-Chlorophenol	6.57	128	307104	34.652	ng		95
9) Benzaldehyde	6.33	77	148424	20.522	ng		92
10) Phenol	6.43	94	497215	37.233	ng		94
11) bis(2-Chloroethyl)ether	6.53	93	347617	34.489	ng		93
12) 1,3-Dichlorobenzene	6.73	146	298709	31.334	ng	#	94
13) 1,4-Dichlorobenzene	6.80	146	304509	31.407	ng		94
14) 1,2-Dichlorobenzene	6.96	146	287513	32.161	ng		99
15) Benzyl Alcohol	6.93	79	321762	37.639	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	465437	34.321	ng		93
17) 2-Methylphenol	7.04	107	280800	35.954	ng		96
18) Hexachloroethane	7.30	117	119635	31.473	ng	#	79
19) n-Nitroso-di-n-propylamine	7.20	70	261132	33.409	ng		89
20) 3+4-Methylphenols	7.19	107	343839	36.045	ng		96
22) Acetophenone	7.20	105	460031	34.013	ng	#	85
24) Nitrobenzene	7.37	77	391927	37.349	ng		94
25) Isophorone	7.61	82	705562	36.004	ng		97
26) 2-Nitrophenol	7.68	139	141988	38.515	ng	#	75
27) 2,4-Dimethylphenol	7.72	122	274216	33.552	ng		93
28) bis(2-Chloroethoxy)methane	7.82	93	437582	33.964	ng		99
29) 2,4-Dichlorophenol	7.92	162	239223	35.261	ng		92
30) 1,2,4-Trichlorobenzene	8.01	180	239293	31.817	ng		99
31) Naphthalene	8.09	128	947983	35.666	ng		100
32) Benzoic acid	7.76	122	4644m	7.080	ng		
33) 4-Chloroaniline	8.14	127	284413	25.372	ng		99
34) Hexachlorobutadiene	8.21	225	136250	31.028	ng		97
35) Caprolactam	8.50	113	81804m	35.468	ng		
36) 4-Chloro-3-methylphenol	8.62	107	296527	34.019	ng	#	78
37) 2-Methylnaphthalene	8.78	142	581750	35.700	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	224423	32.453	ng		98
40) Hexachlorocyclopentadiene	8.93	237	110984	33.407	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	160933	34.663	ng		99
43) 2,4,5-Trichlorophenol	9.09	196	165937	36.026	ng		95
45) 1,1'-Biphenyl	9.25	154	672736	32.739	ng		96
46) 2-Chloronaphthalene	9.27	162	483658	31.856	ng	#	91
47) 2-Nitroaniline	9.36	65	191319	37.588	ng		94
48) Acenaphthylene	9.69	152	794833	33.337	ng		98
49) Dimethylphthalate	9.55	163	712825	43.277	ng		100
50) 2,6-Dinitrotoluene	9.61	165	123348	37.517	ng	#	73
51) Acenaphthene	9.86	154	488963	32.518	ng		99
52) 3-Nitroaniline	9.77	138	132575	31.254	ng		88
53) 2,4-Dinitrophenol	9.87	184	8380	14.821	ng	#	41
54) Dibenzofuran	10.03	168	760234	37.723	ng		99
55) 4-Nitrophenol	9.93	139	199925	59.083	ng	#	38
56) 2,4-Dinitrotoluene	10.00	165	159703	38.706	ng	#	45
57) Fluorene	10.37	166	531948	34.141	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.15	232	133276	37.373	ng		95
59) Diethylphthalate	10.25	149	616306	35.781	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	238508	32.950	ng		91
61) 4-Nitroaniline	10.39	138	134988	33.482	ng		77
62) Azobenzene	10.52	77	716882	35.038	ng		94
64) 4,6-Dinitro-2-methylphenol	10.41	198	21037	17.455	ng		86
65) n-Nitrosodiphenylamine	10.48	169	486590	35.369	ng		98
66) 4-Bromophenyl-phenylether	10.85	248	146765	34.983	ng		97
67) Hexachlorobenzene	10.92	284	136586	31.942	ng	#	89
68) Atrazine	11.01	200	149048	40.852	ng		96
69) Pentachlorophenol	11.11	266	138348	55.490	ng		99
70) Phenanthrene	11.33	178	1274285	59.192	ng		100
71) Anthracene	11.38	178	802314	36.744	ng		99
72) Carbazole	11.53	167	735010	35.462	ng		98
73) Di-n-butylphthalate	11.87	149	912267	38.212	ng		99
74) Fluoranthene	12.52	202	1130487	50.310	ng		98
76) Benzidine	12.64	184	341706	40.709	ng	#	92
77) Pyrene	12.74	202	1043068	49.816	ng		99
79) Butylbenzylphthalate	13.37	149	307664	38.325	ng	#	69
80) Benzo(a)anthracene	13.93	228	645901	42.096	ng		100
81) 3,3'-Dichlorobenzidine	13.89	252	174778	33.757	ng	#	97
82) Chrysene	13.97	228	631467	41.371	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	377042	42.384	ng	#	99
84) Di-n-octyl phthalate	14.54	149	685926	44.315	ng		100
85) Indeno(1,2,3-cd)pyrene	16.77	276	499859	44.518	ng		94
87) Benzo(b)fluoranthene	14.96	252	670196	41.135	ng		98
88) Benzo(k)fluoranthene	14.99	252	537829m	35.136	ng		
89) Benzo(a)pyrene	15.31	252	593387	41.140	ng		99
90) Dibenzo(a,h)anthracene	16.79	278	377352	32.136	ng		96
91) Benzo(g,h,i)perylene	17.19	276	399443	32.602	ng	#	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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